

ABSTRACT

The invention relates to a method for diagnosis of functional faults in a functional architecture, comprising a unit of functions connected to electronic components (A^n_i ; C^n_i ; UCE_n ; B), producing and using data, at least one datum of which (x_i) can adopt a fixed pre-determined value (x_{ip}), following the occurrence of an erroneous functioning of at least one of the components (A^n_i ; C^n_i ; UCE_n ; B) of said unit. The method is characterised, whilst having a unit of functions and carrying out a function for which the input and output data can be assigned to sensors or actuators, by comprising a determination step for particular values during which the particular values corresponding to functional faults for the sensors and actuators are listed and a diagnostic step during which the functional diagnostic for said function as a function of the lists determined during the determination step is generated.